Fujitsu recommends Windows 8 Pro.

# Data Sheet
# Fujitsu ESPRIMO X913-T Desktop PC

## Evolutionary PC for the Modern Office

The stylish Fujitsu ESPRIMO X913-T has all the advantages of a PC plus a multi-position 58.4 cm (23-inch) touch display and innovative easy log-in features. Achieve significant TCO savings with DeskView and Intel® vPro™ technology and protect confidential data with the integrated TPM module

**Human centric**
Benefit from a tidy desk and optimum working position to get the job done in a highly effective way
- This PC features a 58.4 cm (23-inch) widescreen IPS-panel and an adjustable display for the ideal working position

**Sleek, elegant design**
Enjoy the next generation desktop innovation with seamless integration into the office environment
- Innovative industrial design adressing the 21st century office requirements

**Multi-touch operations**
Enables a highly efficient workflow and supports new interactive working scenarios in the office
- Highest ergonomic operations with multi-touch screen for the next generation user interface

**Energy efficiency coupled with intelligent performance**
The best-in-class regarding power consumption combined with new levels of performance
- 3rd generation Intel® Core™ processor family and a power supply with up to 90% efficiency

**Manageability & security**
Simple system administration for complex IT infrastructures and highest levels of data protection
- Intel® vPro™ technology (depending on processor) and DeskView manageability tools, integrated TPM and EraseDisk option

Fujitsu recommends Windows 8 Pro.

# Components

| | |
|---|---|
| **Display** | |
| **Multi-Touch Support** | yes |
| **Tilt angle** | -5° / +30° up to 90° in vertical touch position |
| **Contrast - advanced** | 10,000,000:1 |
| **Response time typical** | 14 ms |
| **Viewing angle (h/v) - typical** | 178°/178° CR10:1 |
| **Color performance** | 16.7 million colors (Hi-FRC) |
| **Brightness - typical** | 250 cd/m |
| **Aspect ratio** | 16:9 |
| **Diagonal Size** | 58.4 cm (23-inch) |
| **Resolution (native)** | 1920 x 1080 pixel |
| **Pixel Pitch** | 0.265 mm |
| **Processor** | Intel® Core™ i5-3470T processor (2 Cores / 4 Threads, 2.90 GHz, up to 3.6 GHz, 3 MB, Intel® HD Graphics 2500) * |
| | Intel® Core™ i3-3220T processor (2 Cores / 4 Threads, 2.80 GHz, 3 MB, Intel® HD Graphics 2500) |
| | Intel® Pentium® processor G645T (2 Cores / 2 Threads, 2.50 GHz, 3 MB, Intel® HD Graphics) |
| | Intel® Pentium® processor G2020T (2 Cores / 2 Threads, 2.50 GHz, 3 MB, Intel® HD Graphics) |
| | Intel® vPro™ Logo with Intel® Core i5 processors<br>*with Intel® Turbo Boost Technology (clock speed and performance will vary depending on workload and other variables) |
| **Operating systems** | |
| **Operating system** | Windows 8<br>Windows 8 Pro<br>Windows® 7 Professional 64-bit<br>Windows® 7 Professional 32-bit |
| **Memory modules** | 2 GB (1 module(s) 2 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM |
| | 4 GB (1 module(s) 4 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM |
| | 8 GB (1 module(s) 8 GB) DDR3, non-ECC, 1600 MHz, PC3-12800, SO DIMM |
| **Hard disk drives (internal)** | SSD SATA III, 256 GB, 2.5-inch |
| | SSD SATA III, 128 GB, 2.5-inch, SED |
| | SSD SATA III, 128 GB, 2.5-inch |
| | HDD SATA II, 7200 rpm, 320 GB, 2.5-inch |
| | HDD SATA II, 5400 rpm, 1000 GB, 2.5-inch* |
| | HDD SATA II, 5400 rpm, 750 GB, 2.5-inch* |
| | HDD SATA II, 5400 rpm, 500 GB, 2.5-inch* |
| | HDD SATA II, 5400 rpm, 320 GB, 2.5-inch* |
| **Hard disk notes** | *Disk imaging software of the customer must be 4k sector size / advanced format ready<br>Up to 20 GB of HDD space is reserved for system recovery |
| **Interface add on cards/components (optional)** | |
| | WLAN 802.11 b/g/n (2x2) and Bluetooth (dedicated regions only) |
| **Base unit** | ESPRIMO X913-T |
| **Mainboard** | |
| **Mainboard type** | D3204 |
| **Formfactor** | proprietary |
| **Chipset** | Intel® Q77 |
| **Processor socket** | LGA 1155 |
| **Processor quantity maximum** | 1 |

| | |
|---|---|
| **Mainboard** | |
| Memory slots | 2 SO DIMM (DDR3, 1600 MHz) |
| Supported capacity RAM (max.) | 16 GB |
| Memory frequency | 1600 MHz |
| Memory notes | Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same |
| LAN | 10/100/1000 MBit/s Intel® 82579 LM |
| Integrated WLAN | 1 (optional) |
| BIOS version | AMI Aptio 4.6 |
| BIOS features | BIOS Flash EPROM update by software<br>Recovery BIOS<br>Unified Extensible Firmware Interface (UEFI) |
| Audio codec | Realtek ALC663 |
| Audio features | High Definition audio, 5.1 surround sound, Internal stereo speakers |
| **I/O controller on board** | |
| Serial ATA total | 1 |
| thereof SATA III | 1 |
| Controller functions | Serial ATA III (6 Gbit)<br>NCQ<br>AHCI |
| **Interfaces** | |
| Audio: line-out / headphone | 1 |
| Audio: line-in / microphone | 1 |
| Internal microphones | optional with camera module |
| USB 2.0 total | 2 |
| USB 3.0 total | 4 |
| USB rear | 2x2.0 2x3.0 |
| USB left side | 2x3.0 |
| VGA | 1 (via DVI to VGA adapter, part of shipment) |
| DVI | 1 |
| Ethernet (RJ-45) | 1 |
| Kensington Lock support | 2 |
| Interface Module notes | Anytime USB charge functionality |
| **Input device / components** | |
| | Optical USB wheel mouse |
| Input devices (optional) | Laser Mouse GL9000<br>Keyboard KB410 USB black<br>Keyboard KB900 USB black |
| **Drive bays** | |
| Drive bays total | 1 |
| 2.5-inch bays | 0 |
| 2.5-inch internal bays | 1 |
| **Graphics on board** | |
| Graphics brand name | Intel® HD Graphics, Intel® HD Graphics 2000, Intel® HD Graphics 2500 |
| Shared video memory | up to 1759 MB |
| TFT resolution (VGA) | up to 1920 x 1200 |
| TFT resolution (DVI) | 1360 x 768 pixel<br>1440 x 900 pixel<br>1600 x 900 pixel<br>1680 x 1050 pixel<br>1920 x 1080 pixel<br>1920 x 1200 pixel |

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| **Graphics on board** | |
| **Graphics features** | Dual display support<br>DirectX® 10.1 or DirectX® 11 (depending on CPU)<br>HDCP support<br>Open GL® 3.1 (depending on CPU)<br>Open CL™ 1.1 (depending on CPU) |
| **Graphics notes** | Tested resolutions, depending on display type additional resolutions and frequencies possible<br>Shared memory depending on main memory size and operating system<br>Resolution (color depth up to 32 Bit/pixel)<br>For TFT we recommend using 60Hz |
| **Electrical values** | |
| **Power efficiency note** | power supply efficiency (at 230V; 10% / 20% / 50% / 100% load) : 87% / 88% / 91% / 93% |
| **Rated voltage range** | 100 V - 240 V |
| **Rated frequency range** | 50 Hz - 60 Hz |
| **Operating voltage range** | 90 V - 264 V |
| **Operating line frequency range** | 47 Hz - 63 Hz |
| **Max. output of single power supply** | 100 W (integrated in system) |
| **Power factor correction/active power** | yes |
| **Power consumption** | |
| **Power consumption note** | See white paper Energy Consumption |
| **Link to Energy White Paper** | http://docs.ts.fujitsu.com/dl.aspx?id=f2aa9473-28a7-42ed-905b-4bbf6aa1453f |
| **Heat dissipation** | |
| **Heat dissipation notes** | See white paper Energy Consumption |
| **Noise emission** | |
| **Related Processors for noise** | tbd |
| **Standard noise emission** | 2x2 GB, HDD, ODD, Windows<br>According to ISO 7779:2010, ECMA-74 |
| **Standard noise notes / description** | A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)) |
| **Standard noise operation mode: CPU 50% load** | tbd |
| **Standard noise operation mode: HDD load** | tbd |
| **Standard noise operation mode: Idle mode** | tbd |
| **Standard noise operation mode: ODD load** | tbd |
| **Standard noise operation mode: Office applications 2.0** | tbd |
| **Blue angel noise emission according certification** | for max. possible configuration<br>According to ISO 7779:2010, ECMA-74 |
| **Blue angel noise notes / description** | A weighted sound power level Lwad (in B); 1B = 10dB<br>Bystander position |
| **Blue angel noise operation mode: HDD load** | tbd |
| **Blue angel noise operation mode: Idle mode** | tbd |
| **Blue angel noise operation mode: ODD load** | tbd |
| **Dimensions / Weight / Environmental** | |
| **Dimensions (W x D x H)** | 554 x 225 x 433 mm<br>21.81 x 8.86 x 17.0 inch |
| **Operating position** | Vertical |
| **Weight** | 8.62 kg |
| **Weight (lbs)** | 19.03 lbs |

| | |
|---|---|
| **Dimensions / Weight / Environmental** | |
| **Weight notes** | Actual weight may vary depending on configuration |
| **Operating ambient temperature** | 10 - 35 °C (50 - 95 °F) |
| **Compliance** | |
| **Product** | ESPRIMO X913-T |
| **Model** | MPC2-D3204 |
| **Europe** | CE |
| **USA/Canada** | FCC Class B<br>cCSAus |
| **Global** | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronic equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>ENERGY STAR® in progress<br>EPEAT® in progress (dedicated regions) |
| **Compliance link** | https://sp.ts.fujitsu.com/sites/certificates/ |
| **Additional Software** | |
| **Additional software (preinstalled)** | Adobe® Reader®<br>Anti Virus software (60 days trial version)<br>Win7: Fujitsu Recovery (Hard Disk Based Recovery)<br>Win8: Microsoft Push Button Recovery (Hard Disk Based Recovery)<br>Don't forget Office. |
| **Additional software (optional)** | Recovery DVD for Windows®<br>Drivers & Utilities DVD (DUDVD) |
| **Compatibility (references)** | |
| | DMI 2.0<br>PC 2001<br>WMI 1.5<br>USB 2.0<br>SMBIOS |
| **Manageability** | |
| **Manageability technology** | DeskUpdate Driver management<br>PXE 2.1 Boot code<br>Wake up from S5 (off mode)<br>iAMT 8.0 (depending on CPU)<br>WoL (Wake on LAN) |
| **Manageability software** | DeskView Client<br>DeskView Instant BIOS Management<br>DeskView Integration for Symantec Management Platform |
| **DeskView components** | Inventory Management<br>BIOS Management<br>Driver Management<br>Security Management<br>Alarm Management |
| **Manageability link** | http://www.fujitsu.com/fts/manageability |
| **Security** | |
| **System protection** | Kensington Lock support |
| **Audit proof protection** | EraseDisk (optional)<br>Boot sector virus protection<br>Write protect option for the Flash EPROM<br>Embedded security (TPM 1.2)<br>Control of all USB interfaces<br>External USB ports can be disabled separately<br>Control of external interfaces |

| Security | |
|---|---|
| **Access protection** | User and supervisor BIOS password<br>Hard disk password<br>Optional: Access protection via external SmartCard reader |

| Packaging information | |
|---|---|
| **Packaging dimension (mm)** | 648 x 275 x 545 mm |
| **Packaging dimension (inch)** | 25.51 x 10.83 x 21.46 inch |
| **Max. quantity / pallet** | 16 |
| **Material - Weight (g) Carton** | 1300 g |
| **Material - Weight (lbs) Carton** | 2.87 lbs |
| **Material - Weight (g) EPS / PS** | 680 g |
| **Material - Weight (lbs) EPS / PS** | 1.5 lbs |
| **Material - Weight (g) PE** | 10 g |
| **Material - Weight (lbs) PE** | 0.02 lbs |
| **Packaging notes** | printed user documentation is bleached in chlorin free process |

| Warranty | |
|---|---|
| **Standard Warranty** | 3 years |
| **Service level** | Bring-In / Onsite Service (for countries within region FTS CEMEA&I, for all other countries depending on local regulations, minimum: 2 years material warranty) |
| **Warranty Terms & Conditions** | http://support.ts.fujitsu.com/warranty |

| Maintenance and Support Services - the perfect extension | |
|---|---|
| **Recommended Service** | 9x5, Response Time: Next Business Day |
| **Spare Parts availability** | 5 years after end of product life |
| **Service Weblink** | http://www.fujitsu.com/fts/services/support |

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# Recommended Accessories

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|---|---|---|---|
| **Blue LED Mouse GL9000** | | Blue LED Mouse GL9000 comes in a slim design with proven Fujitsu engineering quality. The state-of-the-art blue LED sensor enables ultra precise switchable resolution at 1,000, 1,500 and 2,000 dpi. Blue LED Mouse GL9000 makes your life easier because it's tailor-made for right handed users. It just feels great in your hand. | Order Code:<br>S26381-K438-L100 |
| **External Super Multi DVD Drive** | | For independent working and entertainment on your business or private trips, Fujitsu offers the small external DVD drive designed to travel with you - in an attractive slim form. Upgrade your notebook or PC with this external drive and use it wherever you are. | Order Code:<br>S26341-F103-L119 |
| **SOUNDSYSTEM DS E2000 Air** | | The new more powerful SOUNDSYSTEM DS E2000 Air gives you impressive, well-balanced sound throughout the frequency band. It is an unbeatable USB speaker set with a surprisingly small form factor. The robust satellite speakers are decorated with a deluxe piano finish and the base is adorned with warm ambient lighting. | Order Code:<br>S26391-F7128-L600 |
| **Keyboard KB910** | | The ultra-flat and elegant KB910 provides improved security and efficiency. For excellent legibility of the keys - even in dark environments the light intensity of the keys is dimmable in 4 levels. With an ergonomic inscription contrast and the soft key stroke the comfortable and spill-resistant design ensures fatigue-free and efficient working. | S26381-K562-L4** (**: Country specific variation) |

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|---|---|---|---|
| **Wireless Keyboard Set LX900** | | The Wireless Keyboard LX900 is a top of the line desktop solution for lifestyle orientated customers, who want only the best for their desk. This superb keyboard set with offers ambitious users more functions, security and better features than a conventional interface device. It even includes 2.4 GHz technology and 128 AES encryption for security. | S26381-K564-L4** (**: Country specific variation) |

Fujitsu recommends Windows 8 Pro.

# More information

## Fujitsu OPTIMIZATION Services

In addition to Fujitsu ESPRIMO X913-T, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

**Fujitsu Portfolio**
Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

**Computing Products**
www.fujitsu.com/global/services/computing/

**Software**
www.fujitsu.com/software/

## More information

Learn more about Fujitsu ESPRIMO X913-T, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/ESPRIMO

## Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at http://www.fujitsu.com/global/about/environment/

Green Policy Innovation

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